

# FAIRMOUNT DRAINAGE DISTRICT NORTHEAST DRAINAGE IMPROVEMENTS



## Location


Fairmount, Illinois

## Timeline

2015 - Present

## Contractor

Midwest Asphalt



Fairmount Drainage District was established to help finance and manage drainage improvements in the Village of Fairmount. In 2015, C2 Engineers was contracted to perform a study to analyze the existing drainage system in the northeast portion of Fairmount and provide recommendations to improve the drainage. From the study, the district selected an alternative, C2 provided design and the project was recently awarded and is slated for construction to be completed in 2018.

## Scope of Work:

- Northeast Drainage Preliminary Engineering Report
- Construct a new outlet for stormwater to an existing drainage ditch north of Fairmount by installing a new 30" storm sewer to the ditch.
- Install adequately sized storm sewers and catch basins in the northeast portion of the Village to collect and transfer stormwater to the new outlet and minimize flooding in town.

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## EXISTING FLOODING IN NORTHEAST FAIRMOUNT



### The Challenges:

1. Maximizing drainage system efficiency within the district's budget
2. Permitting the improvements through multiple agencies including IDNR, IEPA, IHPA, and USACE
3. Easement acquisition with multiple private property owners
4. Coordination of future maintenance of outlet ditch with adjacent drainage district

### Solutions provided by C2:

1. Provided thorough analysis and cost estimates for the district to select a solution for the drainage concerns.
2. Provided financial budgeting assistance, topographic survey, design, permitting, and bidding services to perform the work
3. C2 will also provide construction layout and inspection services to ensure the improvements are built according to plan

**C2 Engineers provided all services to-date within contractual obligations.**

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